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	Atty Dkt: 3504.284B	Serial No. **To be Provided**
Title: **Solid Phase Native Chemical Ligation of Unprotected or N-Terminal Cysteine Protected Peptides in Aqueous Solution**	Applicant: **Canne, Lynne, *et al.***	
	Filing Date: **Herewith**	Group

U.S. PATENT DOCUMENTS

Examiner's Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Trans-lation Yes/No
OS	AL1	WO 96/34878	11/7/96	PCT	C07K	1/02	NO
OS	AM1	WO 98/28434	7/2/98	PCT	C12P	21/00	NO

OTHERS, including Author, Title, Date, Pertinent Pages, etc.

OS	AR1		Aimoto, "Synthesis of Phosphorylated Calmodulin-binding Site of Ca2+/Calmodulin-dependent Protein Kinase IICAMII by a Thioester Method," *Chemical Abstracts*, Vol. 125, No. 1, Abstract No. 11415, (1996).
	AS1		Akaji, *et al.*, "Stiudies On Peptides. CXXVII. Synthesis Of A Tripentacontapeptide With Epidermal Growth Factor Activity," *Chem. Pharma. Bull.* (Tokyo) 33:184-102 (1985).
	AT1		Atherton, *et al.*, "Solid Phase Fragment Condensation – The Problems," *In Innovation and Perspective In Solid Phase Synthesis*, R. Epton, *et al.* Eds., pages 11-25 (1990).
	AR2		Ball, *et al.*, "Affinity Purification Of 101 Residue Rat Cpn 10 Using A Reversibe Biotinylated Probe," *J. Pept. Sci.*, 1:288-294 (1995).
OS	AS2		Blake, "Total Synthesis Of S-Carbamoylmethyl Bovine Apocytochrome C By Segment Coupling," *Int. J. Pept. Potein Res.*, 27:191-200 (1986).

Examiner:	Date Considered 9/29/04

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ad	AT2		Canne, *et al.*, "Synthesis Of Versatile Purification Handle For Use With Boc Chemistry Solid Phase Peptide Synthesis," *Tetrahedron Letters*, 38(19):3361-3364 (1997).
	AR3		Canne, "Extending the Applicability of Native Chemical Ligation," *J. Am. Che. Soc.*, Vol. 118:5891-5896 (1996).
	AS3		Canne, "A General Method For The Synthesis Of Thioester Resin Linkers For Use In The Solid Phase Synthesis Of Peptide-α-Thioacids," *Tetrahedron Letters*, 36(8):1217-1220 (1995).
	AT3		Cheng, *et al.*, " Chemical Synthesis Of Human β-Endorphin(1-27) Analogs By Peptide Segment Coupling," *Int. J. Pept. Prot. Res.*, 38:70-78 (1991).
ad	AR4		Dawson, *et al.*, " Synthesis Of Proteins By Native Chemical Ligation," *Science*, 266:766-799 (1994).

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OTHERS, including Author, Title, Date, Pertinent Pages, etc.

OS	AS4		Funakoshi, *et al.*, "Chemoselective One-Step Purification Method For Peptides Synthesized by the Solid Phase Technique," Proc. Natl. Acad. Sci. USA, 88:6981-6985 (1991).
	AT4		Funakoshi, *et al.*, " Affinity Purification Method Using Reversible Biotinylating Reagent For Peptides Synthesized By The Solid-Phase Technique," *J. Chromatog.*, 638:21-27 (1995).
	AR5		Garcia-Echeverria, *et al.*, "One The Use of Hydrophobic Probes In The Chromatographic Purification Of Solid-Phase-Synthesized Peptides," J. *Chem. Soc. Chem. Commun.*, 779-780 (1995).
	AS5		Hojo, "Development of a Linker With an Enhanced Stability for the Preparation of Peptide Thioesters and Its Application to the Synthesis of a Stable-Isotope-Labelled HU-Type DNA-Binding Protein," *Bull. Chem. Soc. Japan*, 66(9):2700-2706 (1993).
	AT5		Hojo, *et al.*, " Protein Synthesis Using S-Alkyl Thioester Of Partially Protected Peptide Segments, Synthesis of DNA-Binding Domain Of c-Myb Protein (142-193)-NH_2," *Bull. Chem. Soc. Japan*, 65:3055-3063 (1992).
OS	AR6		Hojo, *et al.*, " Polypeptide Synthesis Using the S-Alkyl Thioester of a Partially Protected Segment: Synthesis of the DNA-Binding Domain of c-Myb Protein (142-193)-NH_2," *Bull. Chem. Soc. Japan*, 64:111-117 (1991).

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OTHERS, including Author, Title, Date, Pertinent Pages, etc.

OS	AS6		Janssen, "Thiolo, Thiono, and Dithio Acids and Ester," Chapter 15, *The Chemistry of Carboxylic Acids and Esters* (1969).
	AT6		Liu, *et al.*, "Peptide Segment Ligation Strategy Without Use Of Protecting Groups," *Proc. Natl. Acad. Sci. USA*, 91:6584-6588 (1994).
	AR7		Muramatsu, *et al.*, "Localization of Heparin-Binding, Neurite Outgrowth and Antigenic Regions In Midkine Molecule," *Biochem. And Biophys. Res. Comm.*, 203(2):1131-1139 (1994).
	AS7		Rose, *et al.*, "Facile Synthesis Of Homogeneous Artificial Proteins," *J. Am. Chem. Soc.*, 116:30-34 (1994).
	AT7		Schnolzer, *et al.*, "Constructing Proteins By Dovetailing Unprotected Synthetic Peptides: Backbone-Engineered HIV Protease," *Science*, 256:221-225 (1992).
OS	AR8		Tam, *et al.*, "Peptide Synthesis Using Unprotected Peptides Through Orthogonal Coupling Methods," *Proc. Natl. Acad. Sci. USA*, 92:12485-12489 (1995).

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